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REPLACEMENT DRAWINGS

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Mechanical Shearing of CEPH 1347-2 gDNA using the TECAN

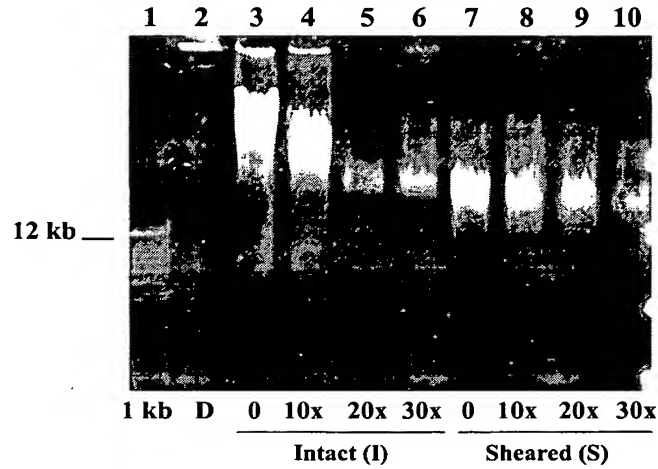


FIG. 1A

Boiling or DNase I-digestion of CEPH 1347-2 gDNA

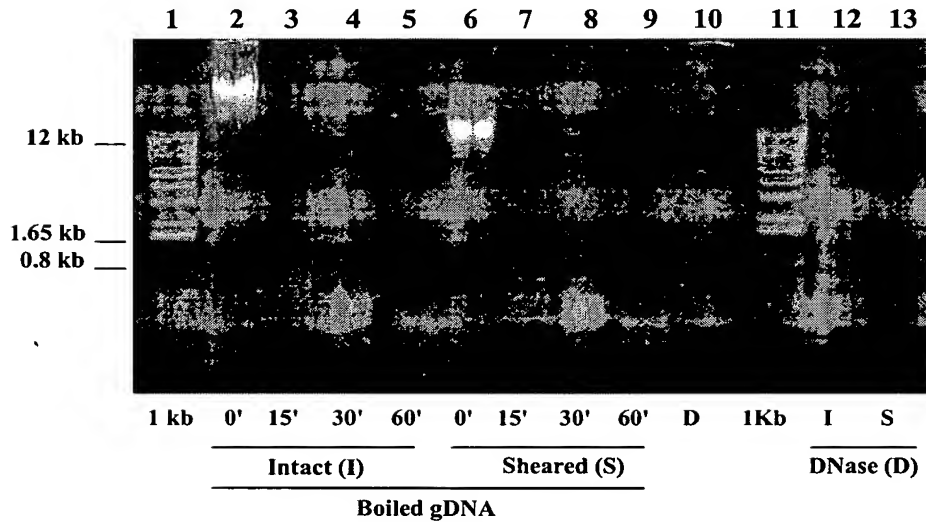


FIG. 1B

REPLACEMENT DRAWINGS

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Effect of gDNA Concentration and Boiling Duration on Range of Fragment Size Generated

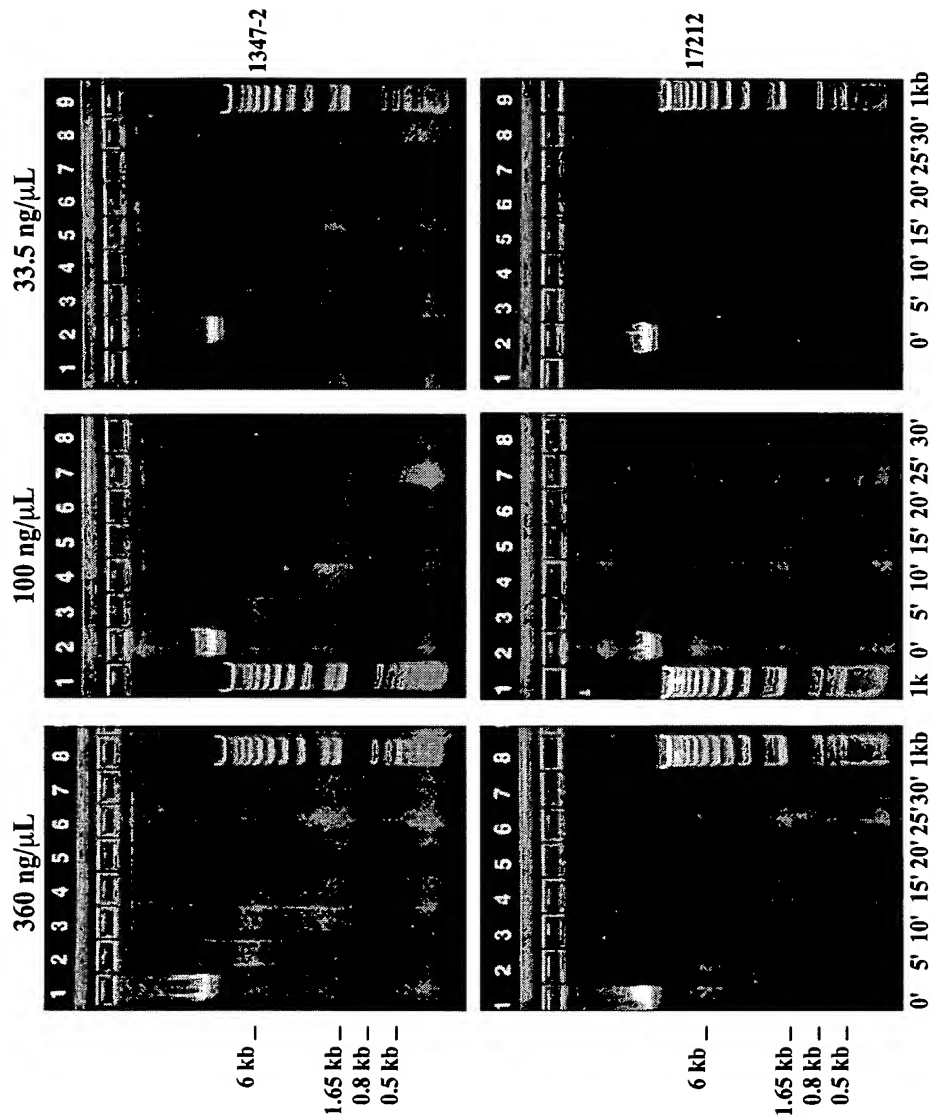


FIG. 2

REPLACEMENT DRAWINGS

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Fragment Sizes Generated by Boiling of
Different Sources of gDNA

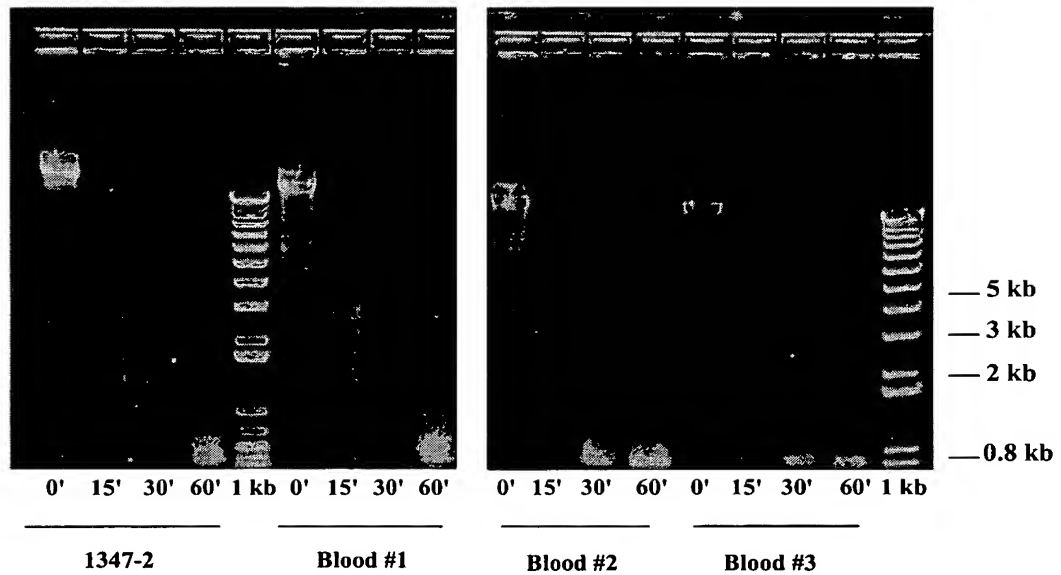


FIG. 3

REPLACEMENT DRAWINGS

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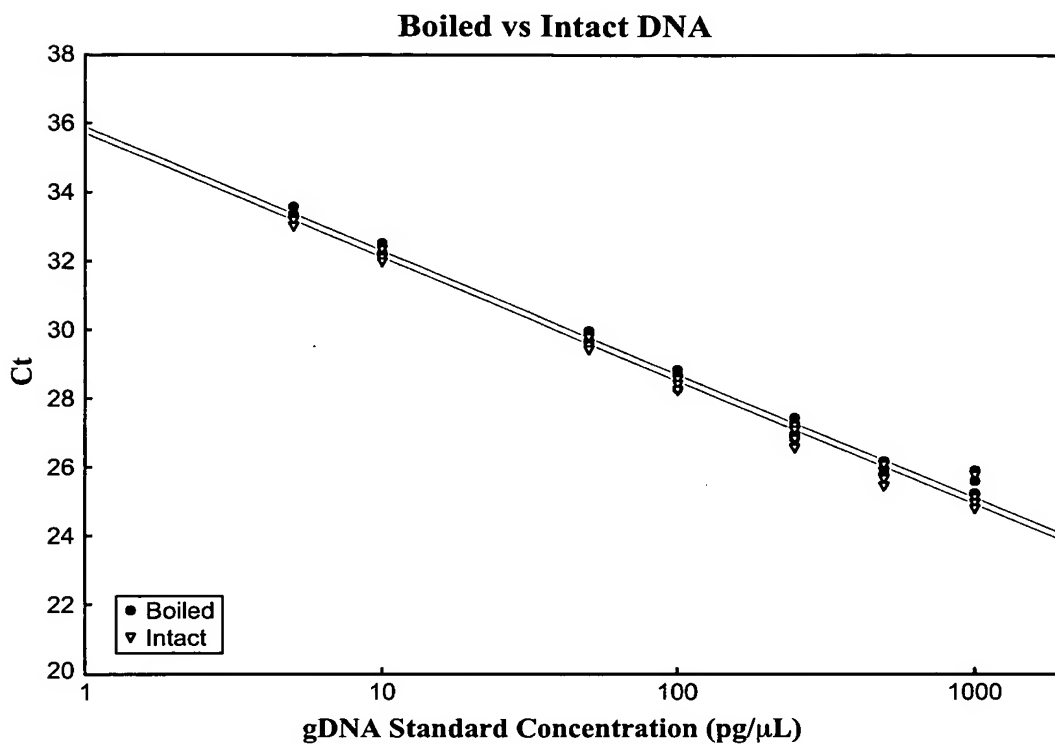


FIG. 4

Boiled gDNA can Participate in OLA-PCR Reactions



Lane 2: 25 bp marker
 Lane 3: DNase I-digested CEPH 1347-2 gDNA
 Lane 4: CEPH 1347-2 gDNA, boiled 15 min.
 Lane 5: CEPH 1347-2 gDNA, boiled 30 min.
 Lane 6: Ligation control (no gDNA)
 Lane 7: DNase I-digested NA-12565 gDNA
 Lane 8: NA-12565 gDNA, boiled 15 min.
 Lane 9: NA-12565 gDNA, boiled 30 min.
 Lane 10: Ligation control (no gDNA)

FIG. 5A

REPLACEMENT DRAWINGS

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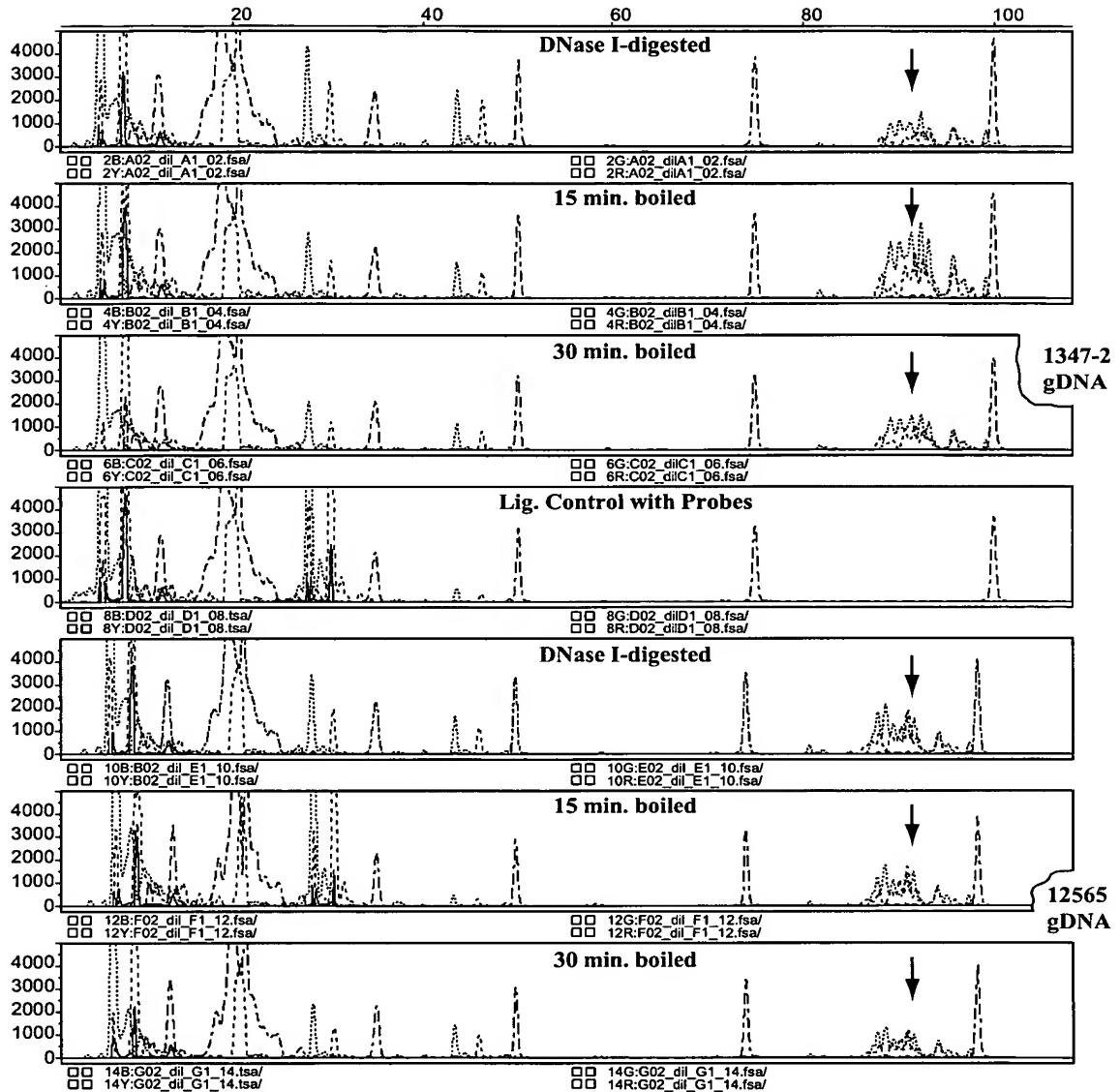


FIG. 5B

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OLA-PCR Products Formed using Boiled gDNA Binds to PE-27 Arrays

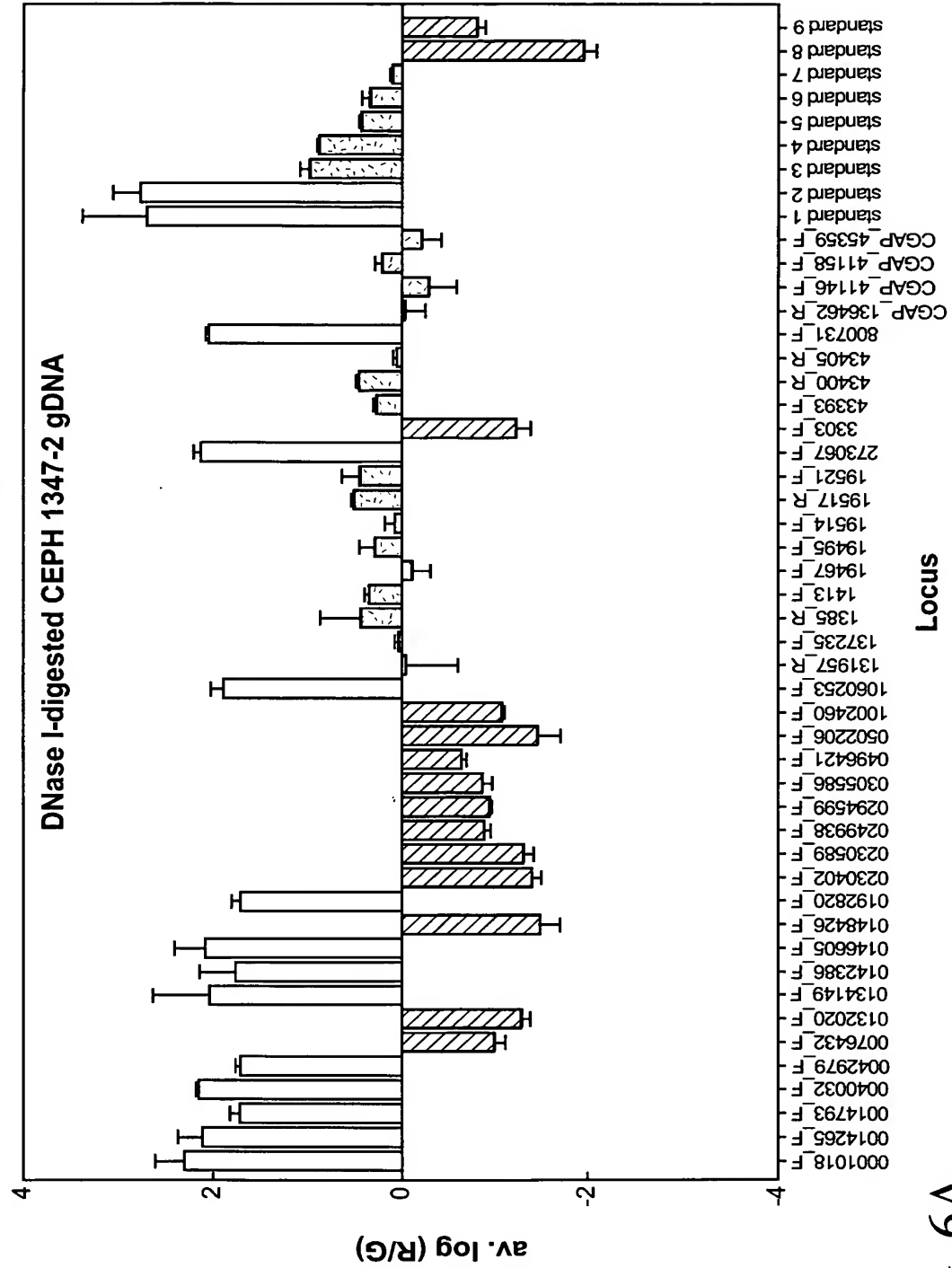


FIG. 6A

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OLA-PCR Products Formed using Boiled gDNA Binds to PE-27 Arrays

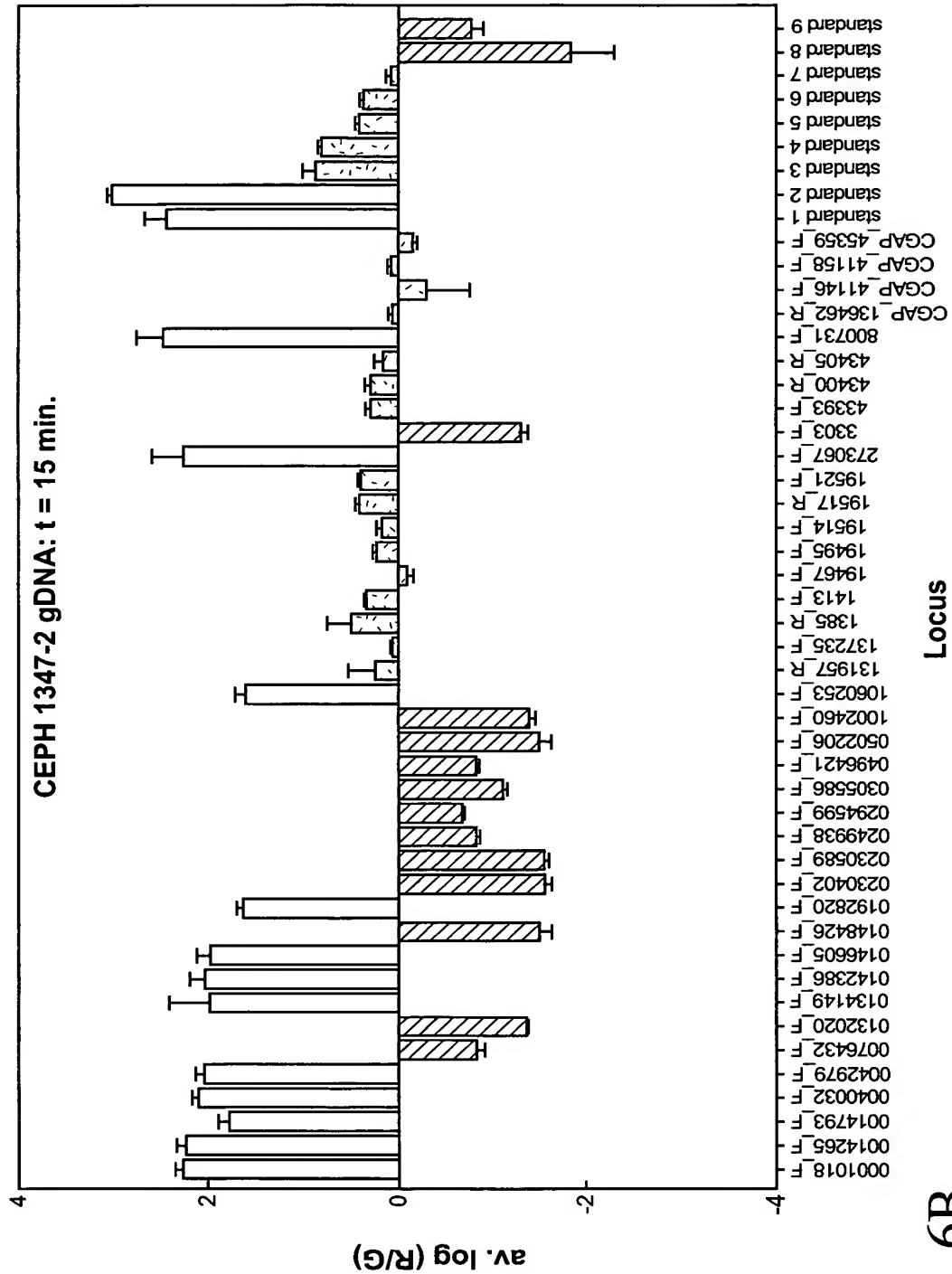


FIG. 6B

REPLACEMENT DRAWINGS

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OLA-PCR Products Formed using Boiled gDNA Binds to PE-27 Arrays

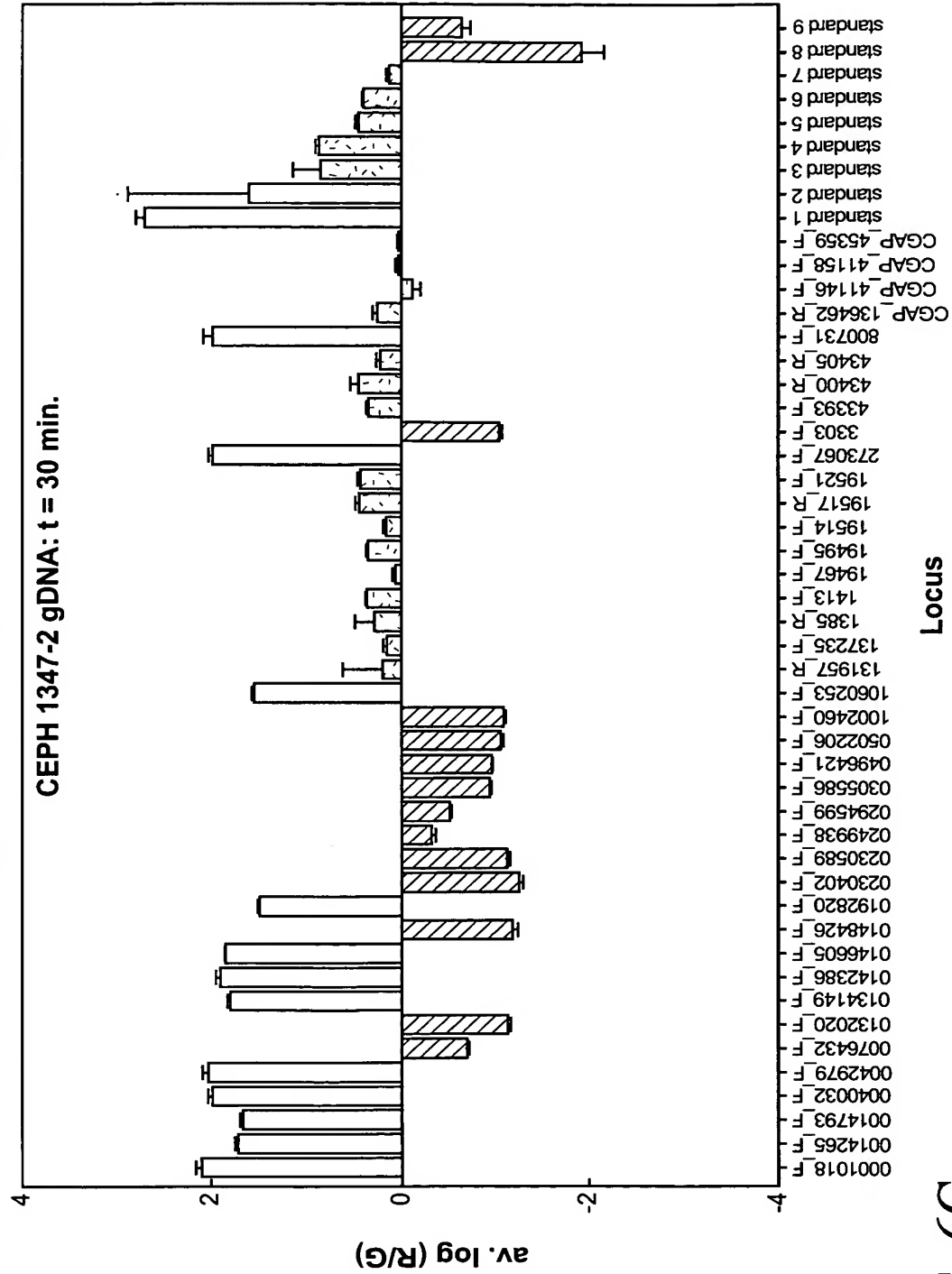


FIG. 6C

REPLACEMENT DRAWINGS

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OLA-PCR Products Formed using Boiled gDNA Binds to PE-27 Arrays

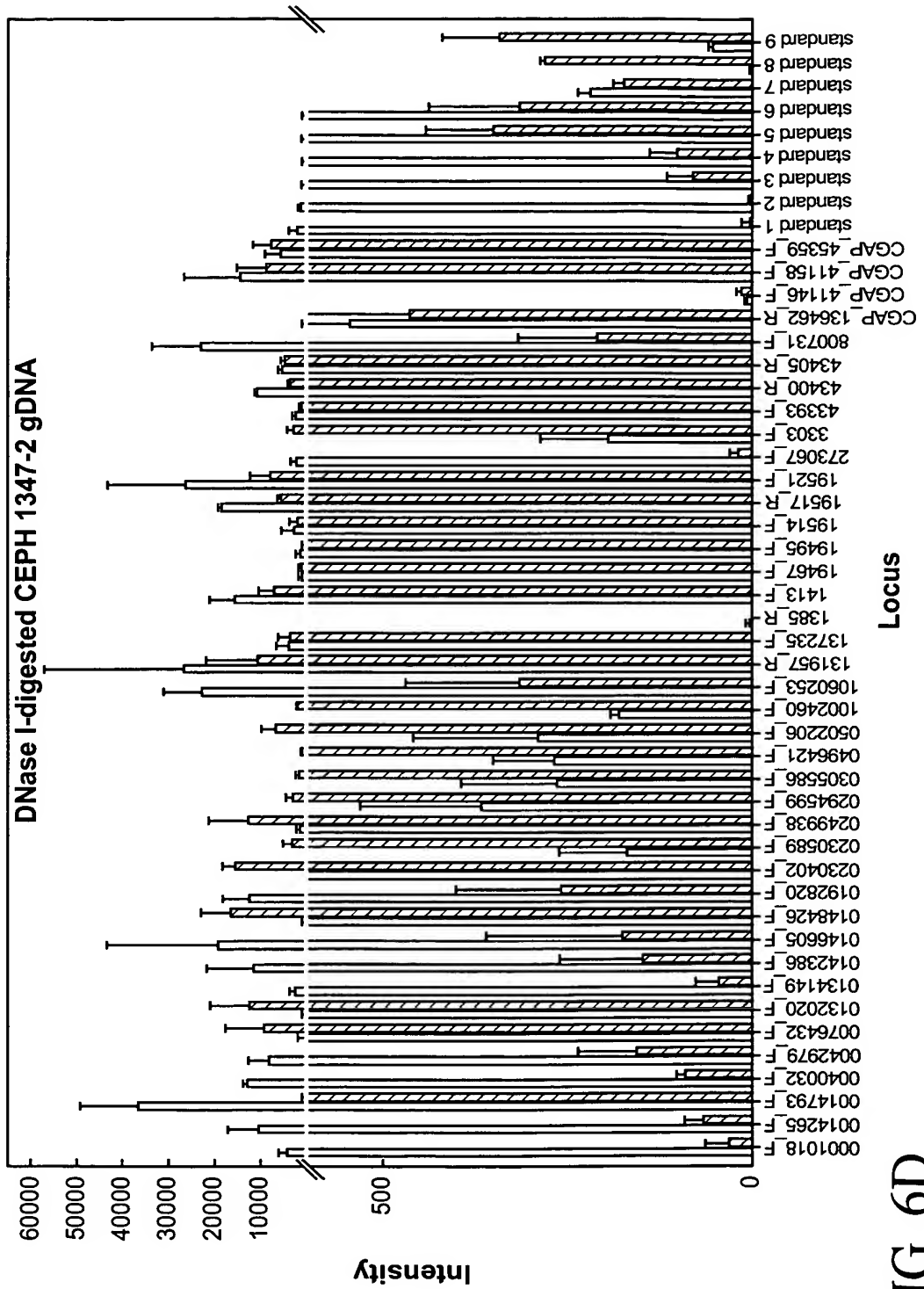


FIG. 6D

REPLACEMENT DRAWINGS

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OLA-PCR Products Formed using Boiled gDNA Binds to PE-27 Arrays

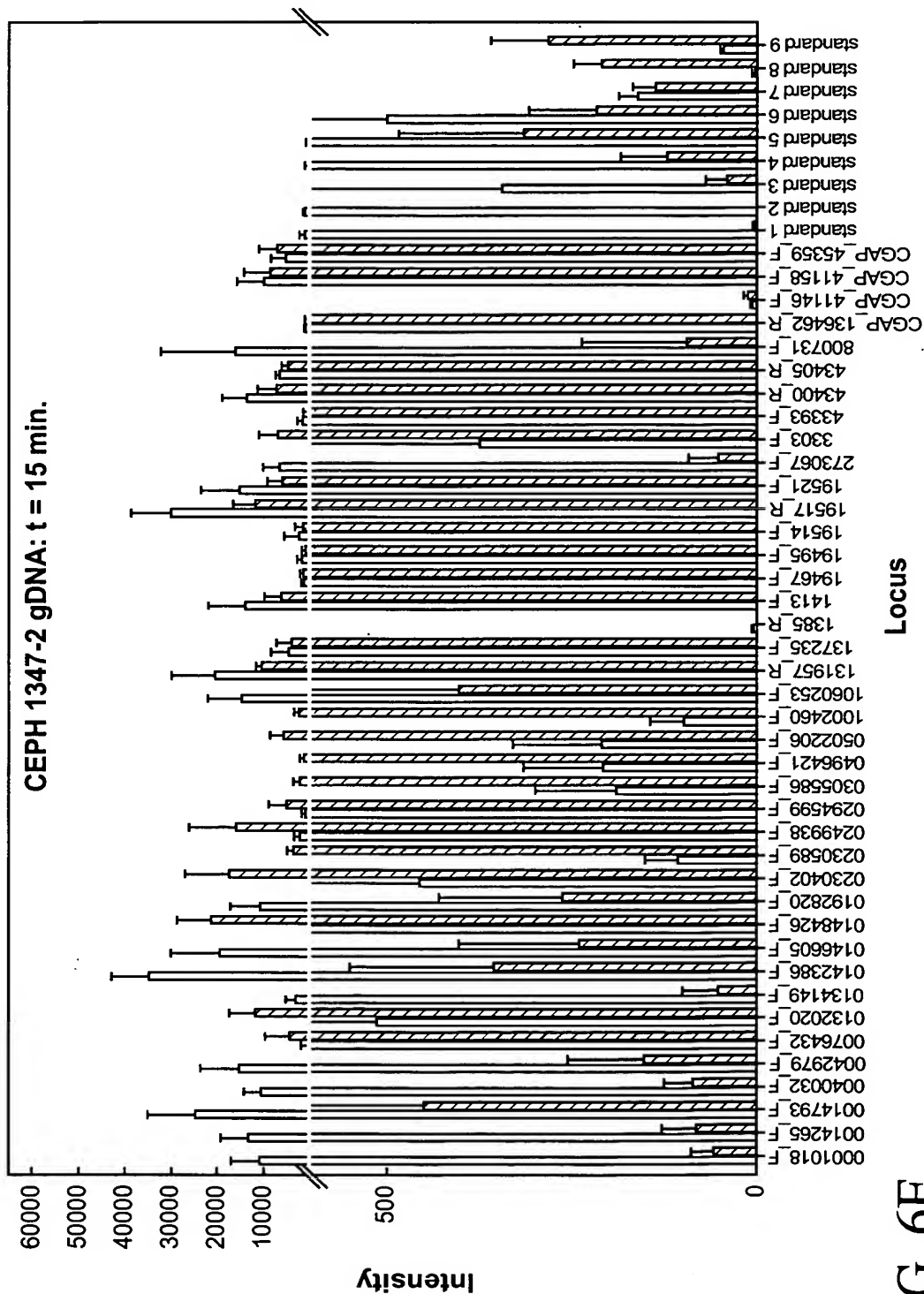


FIG. 6E

REPLACEMENT DRAWINGS

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OLA-PCR Products Formed using Boiled gDNA Binds to PE-27 Arrays

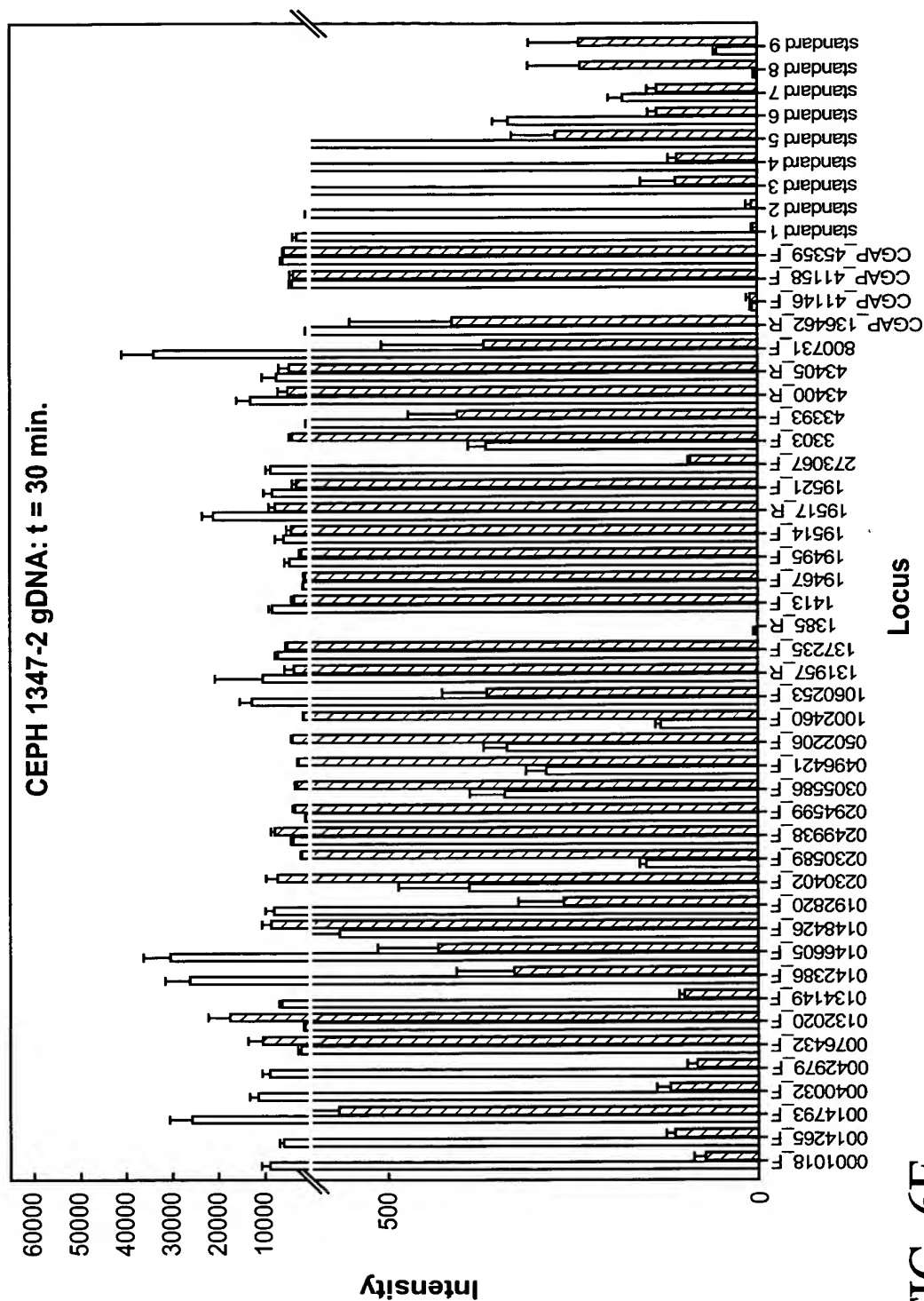


FIG. 6F

REPLACEMENT DRAWINGS

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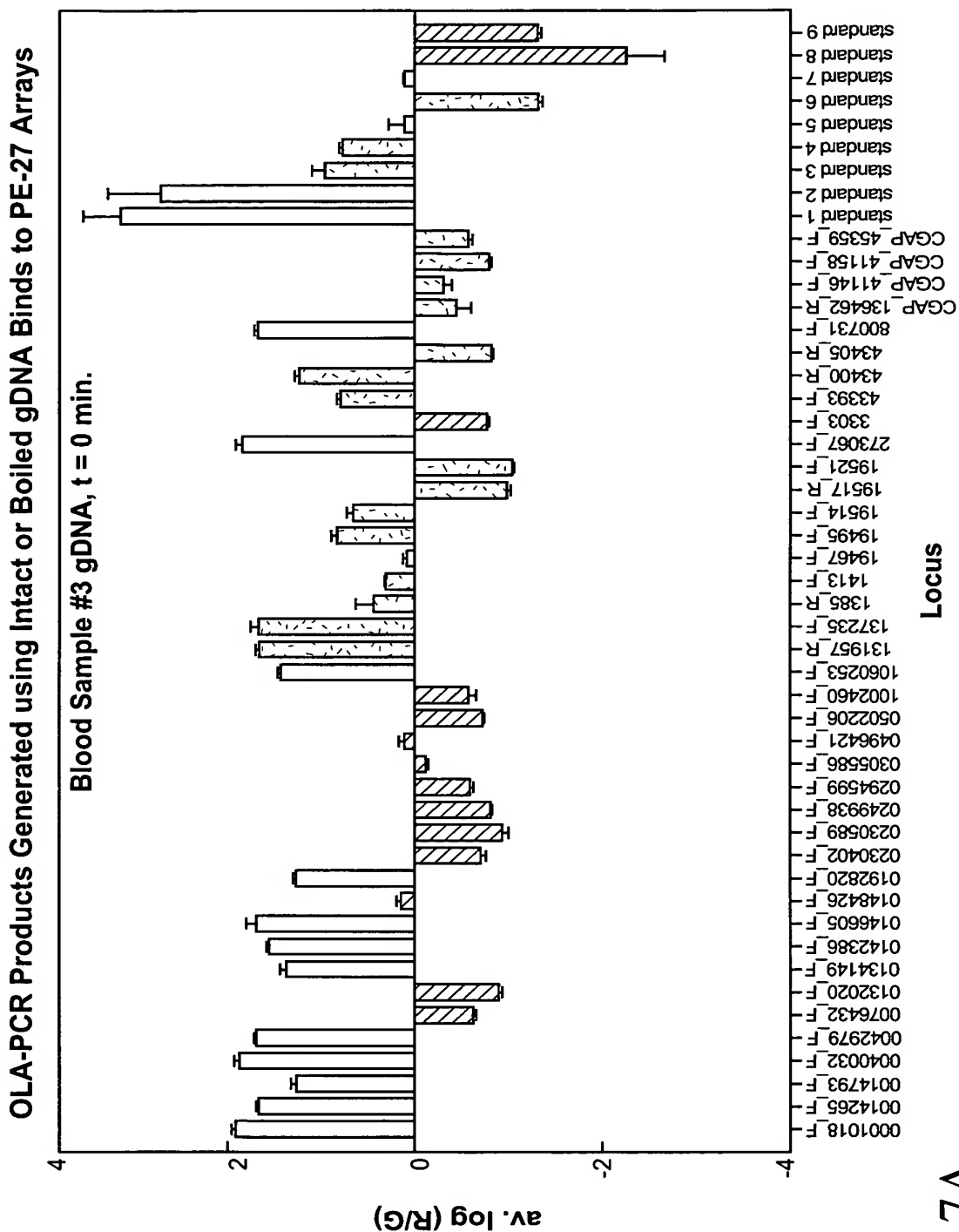


FIG. 7A

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OLA-PCR Products Generated using Intact or Boiled gDNA Binds to PE-27 Arrays

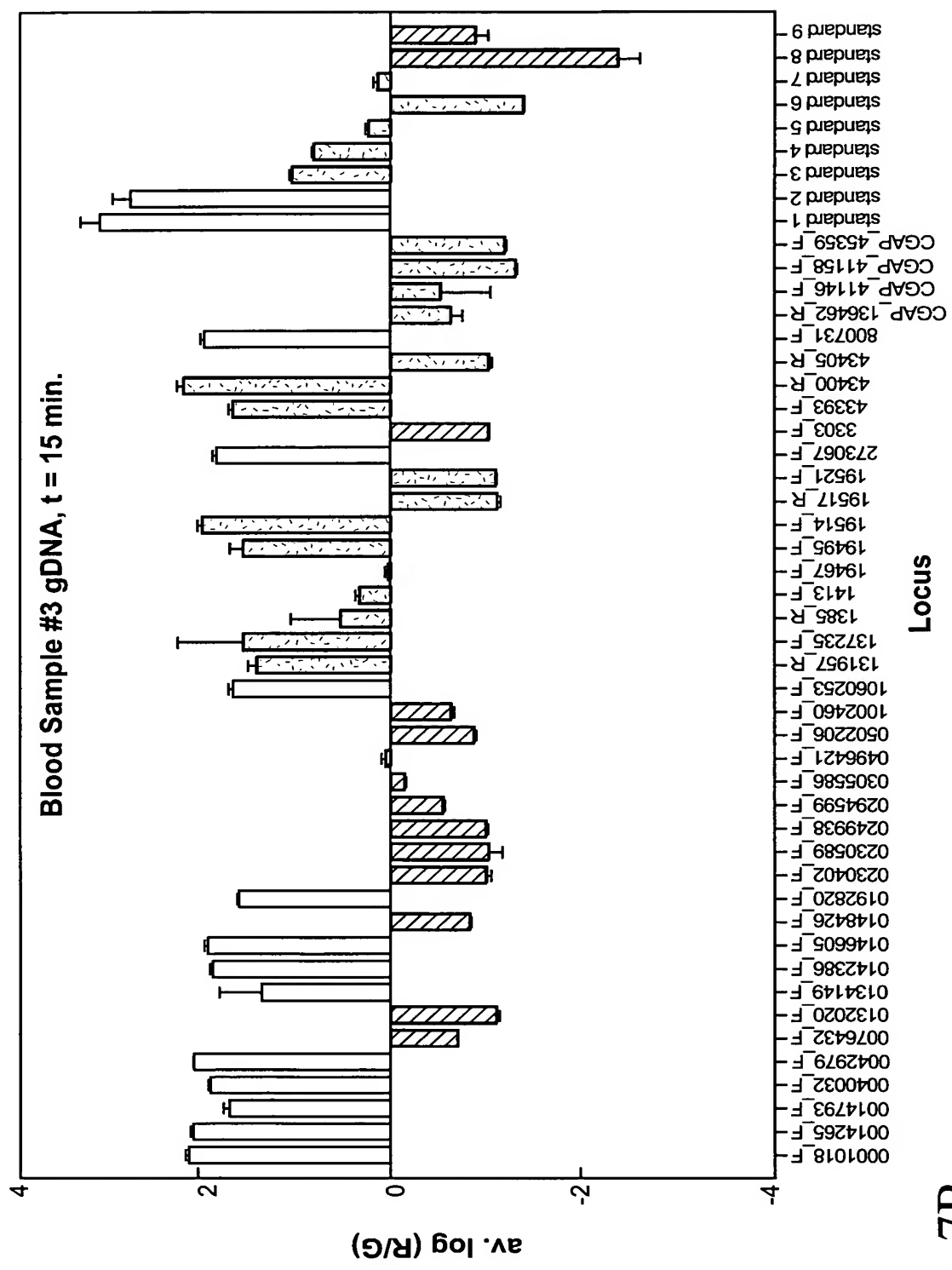


FIG. 7B

REPLACEMENT DRAWINGS

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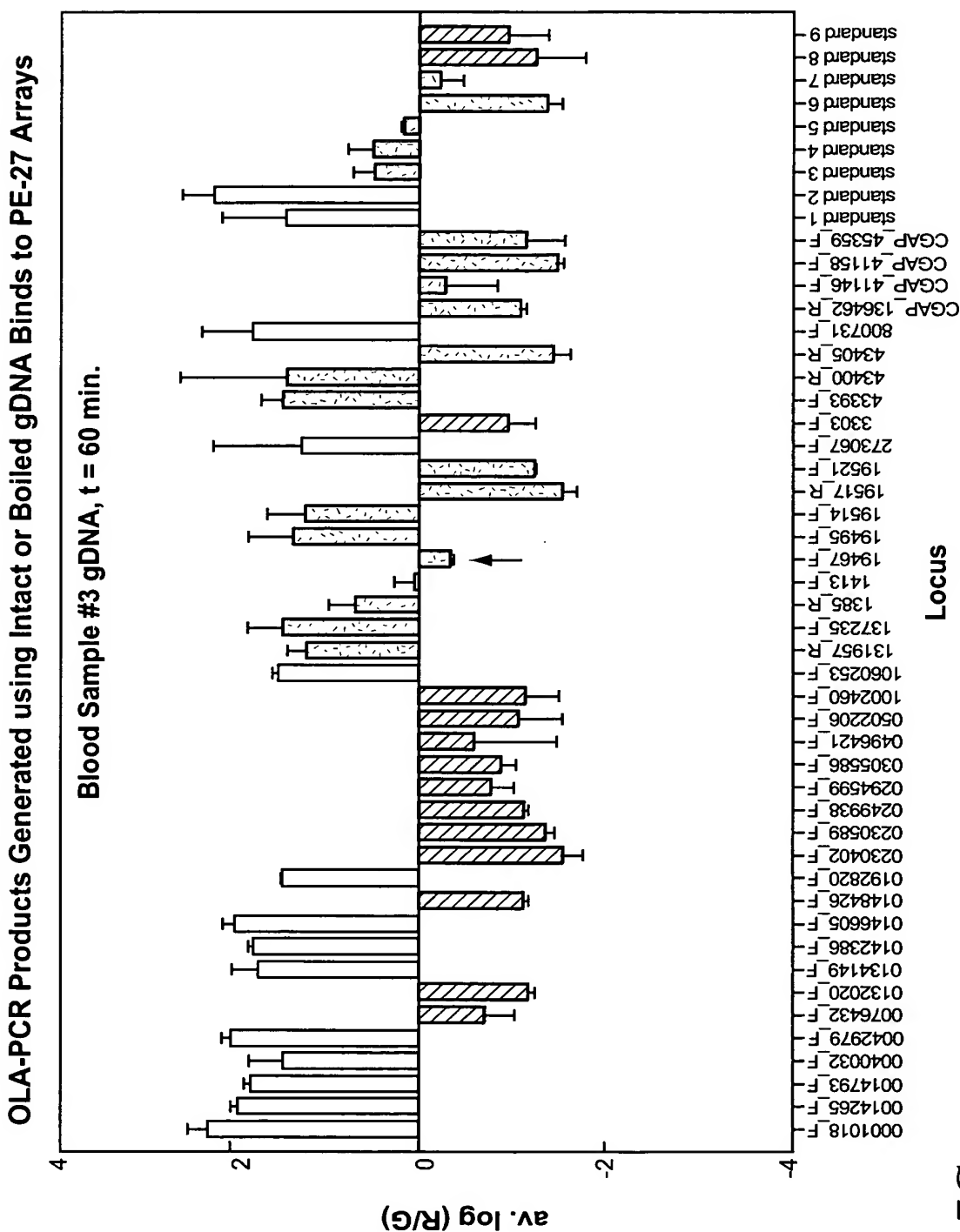


FIG. 7C

REPLACEMENT DRAWINGS

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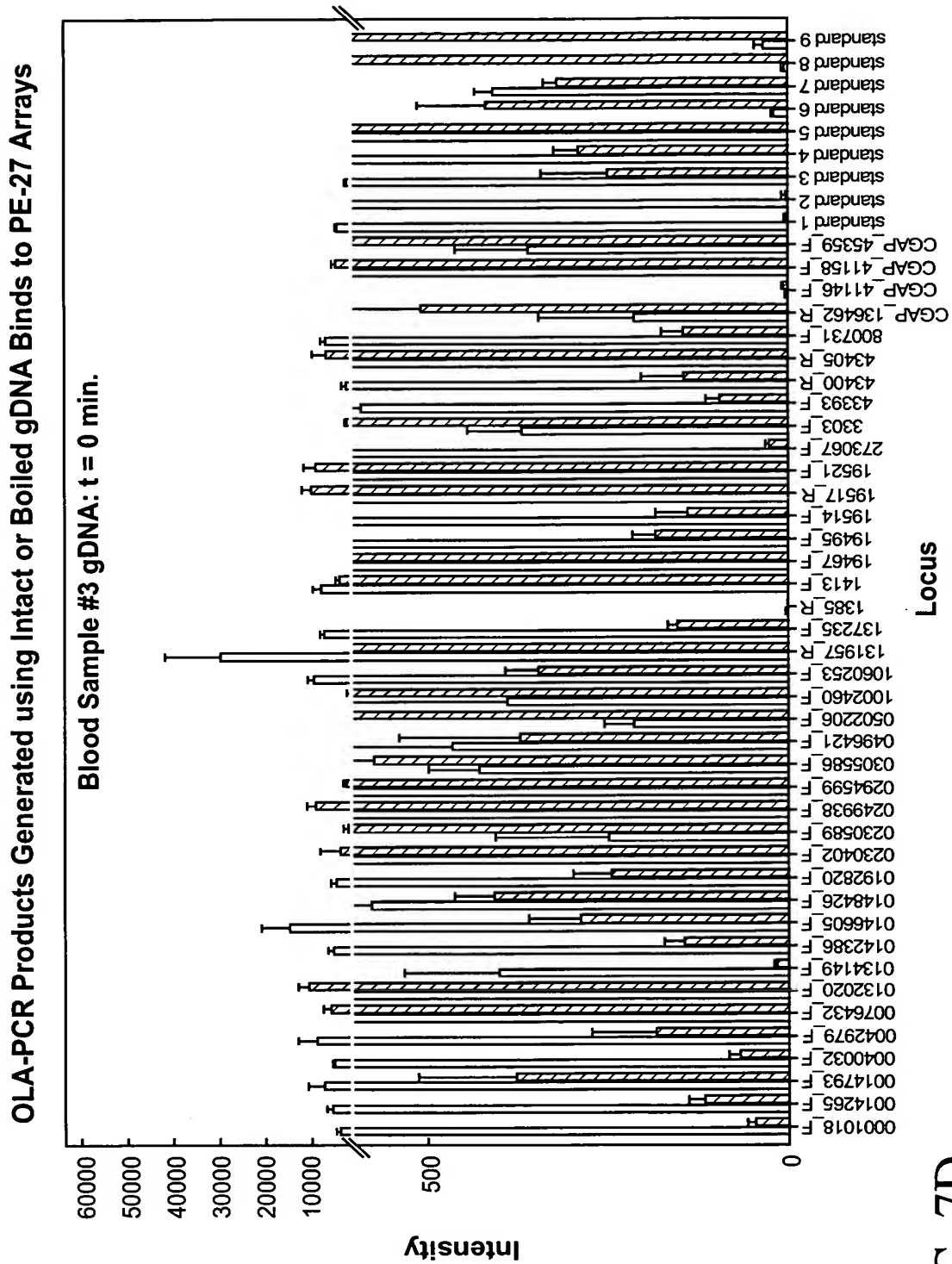


FIG. 7D

REPLACEMENT DRAWINGS

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OLA-PCR Products Generated using Intact or Boiled gDNA Binds to PE-27 Arrays

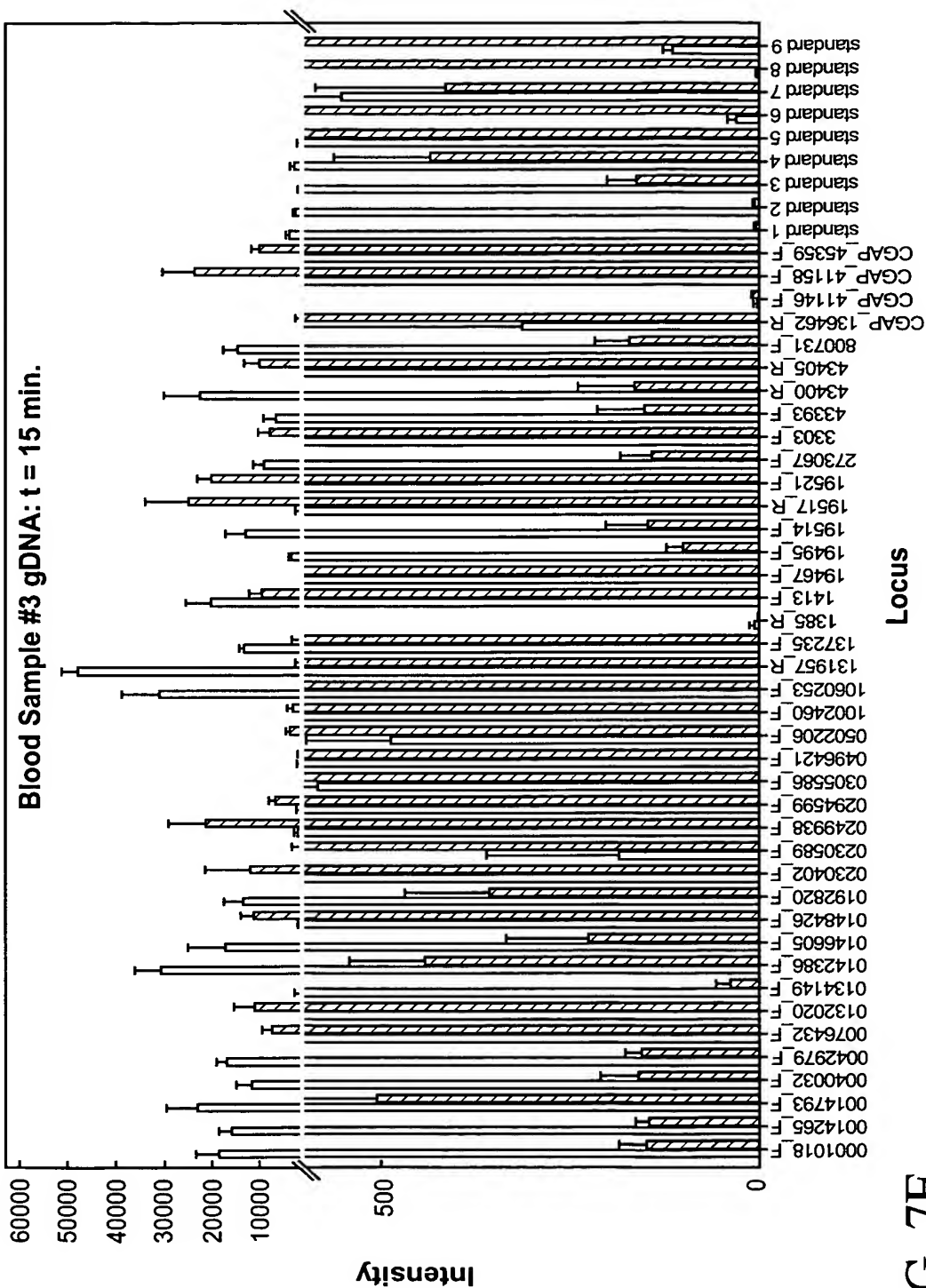


FIG. 7E

REPLACEMENT DRAWINGS

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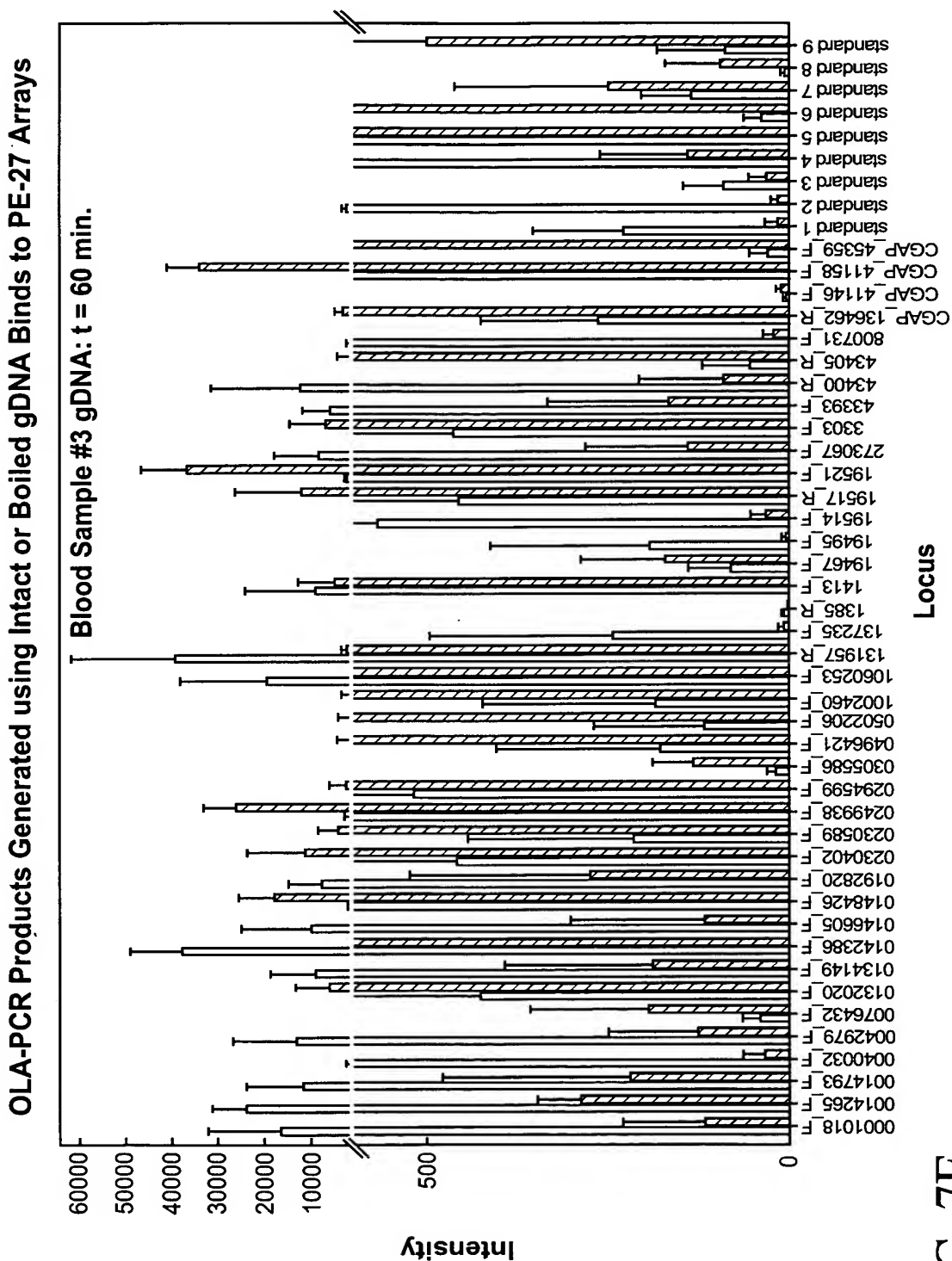


FIG. 7F